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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/621,853	07/16/2003	John E. Saare	03226.510001;SUN030083	1810

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EXAMINER

AVELLINO, JOSEPH E

ART UNIT	PAPER NUMBER
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2143

MAIL DATE	DELIVERY MODE
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08/07/2007

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/621,853

Applicant(s)

SAARE ET AL.

Examiner

Joseph E. Avellino

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 06 July 2007.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-13 and 15-22 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-13 and 15-22 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 16 July 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. Claims 1-13, and 15-22 are presented for examination; claims 1, 9, and 17 independent. The Office acknowledges the cancellation of claim 14 and the addition of claims 21 and 22.

Claim Rejections - 35 USC § 103

The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

Claims 1-13, and 15-20 are rejected under 35 U.S.C. 103(a) as being unpatentable over Chen et al. (US 2003/0054810) (hereinafter Chen) in view of Weissman (US 2002/0156905).

2. Referring to claim 1, Chen discloses a method for providing a portal user (i.e. mobile devices 504) access to a resource server (i.e. servers 510) via a portal server (i.e. iMobile device server/platform 500) (e.g. abstract: Figure 17), comprising:

receiving a request from said portal user to access said portal server (p. 8, ¶ 121);

performing, in response to said request, a single sign-on to access said portal server (p. 8, ¶ 121);

receiving a request from said portal user requesting a resource from said resource server via one or more services (the Office construes the term "service" as any

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application which permits the user the ability to access another entity, such as the iMobile servers found on the platform 500) on said portal server (i.e. ...permits a user to access computers and systems...) (Figure 17, refs. 506a-c; p. 8, ¶ 121);

performing by said portal server a sign-on to access said resource server on behalf of said portal user (i.e. provide access to backend services automatically...retrieves encrypted Windows domain authentication ...and presents it to the Exchange server) wherein said sign-on is done using the iMobile server (p. 8, ¶ 121-122; p. 11, ¶ 146-147); and

providing access to said resource to said portal user via said portal server wherein each of the plurality of services are executed on said portal server (i.e. provide access to backend services automatically...query, search, and update inboxes, contacts, and calendars in the Exchange 2000 server; each iMobile server executes on the platform 500) (p. 8, ¶ 122; p. 11, ¶ 149; Figure 17).

Chen does not explicitly state that a single sign-on adapter is used to perform a single sign-on to the portal server, and the portal server using the single-sign on adapter in order to provide an interface between the service and the resource server. IN analogous art, Weissman discloses another information providing portal server which discloses providing a single sign-on adapter to log a client onto the portal server, and the adapter is used to log into each of the resource servers (i.e. logon system) (p. 3, ¶ 21). It would have been obvious to one of ordinary skill in the art to combine the teaching of Chen with Weissman in order to implement the single logon system of Weissman with the iMobile application servers of Chen and offloading login processing

done by the iMobile servers, thereby reducing overhead processing done by the servers and increasing overall throughput by the servers.

3. Referring to claim 2, Chen discloses performing said sign-on to access the resource server comprises using stored credentials (i.e. stored passwords and user id's) (p. 8, ¶ 121).

4. Referring to claim 3, Chen discloses performing said sign-on to access the resource server comprises using a shared authentication mechanism (i.e. the mobile devices share the gateway in order to utilize the resources via the SSO mechanism) (Figure 17).

5. Referring to claim 4, Chen discloses using proxy authentication (i.e. the iMobile server uses the credentials of the user to authenticate the server to the Exchange server in order to access the inbox of that particular user) (p. 8, ¶ 121).

6. Referring to claim 5, 7, and 8, Chen discloses the resource is an email server (i.e. inbox), an address book server (i.e. contacts), and a calendar server (i.e. calendar) (i.e. in the Exchange 2000 server) (p. 11, ¶ 149).

7. Referring to claim 6, Chen discloses the invention substantively as described in claim 1. Chen does not specifically disclose the SSO mechanism access an instant

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messaging server, however Chen does disclose accessing a plurality of heterogeneous servers as shown in page 12, claim 5, and the use of instant messaging gateway to access the iMobile service. One of ordinary skill in the art would be motivated to add the IM server to the particular external servers supported by the iMobile service, since this is a service which requires a user id and password, which is subject to human error as described in Chen (p. 8, ¶ 121). By this rationale, "Official Notice" is taken that both the concepts and advantages of providing for a resource server including an instant messaging server is well known and expected in the art. It would have been obvious to one of ordinary skill in the art to modify the teaching of Chen to include an IM server as a resource server in order to allow users on mobile devices without an AIM client installed the ability to access their AIM service via the internet through HTTP, thereby providing a more customer friendly interface to access their systems through a plurality of interfaces.

8. Claims 9-13, and 15-22 are rejected for similar reasons as stated above.

Furthermore it is inherent that the portal server only has to execute the sign-on to the resource server only once to meet the claimed limitation of "one or more times" as recited in claim 9.

Response to Arguments

9. Applicant's arguments with respect to claims 1-13, and 15-22 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

10. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

11. Applicant has failed to seasonably challenge the Examiner's assertions of well known subject matter in the previous Office action(s) pursuant to the requirements set forth under MPEP §2144.03. A "seasonable challenge" is an explicit demand for evidence set forth by Applicant in the next response. Accordingly, the claim limitations the Examiner considered as "well known" in the first Office action are now established as admitted prior art of record for the course of the prosecution. See *In re Chevenard*, 139 F.2d 71, 60 USPQ 239 (CCPA 1943).

12. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of

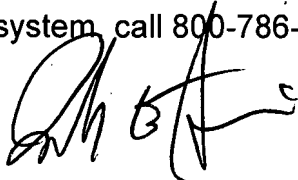
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the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Joseph E. Avellino whose telephone number is (571) 272-3905. The examiner can normally be reached on Monday-Friday 7:00-4:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David A. Wiley can be reached on (571) 272-3923. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



Joseph E. Avellino, Examiner
July 11, 2007